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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shizuo HATTORI et al.

Serial No.: 09/781,703

Group Art Unit: 1651

Filed: February 12, 2001

Examiner: MARX, IRENE

For: STABLE PQQ-DEPENDENT GLUCOSE DEHYDROGENASE
COMPOSITION

DECLARATION

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir :

I, Seiji TAKESHIMA, declare as follows:

1. I, Seiji TAKESHIMA, have following address:
c/o TOYO BOSEKI KABUSHIKI KAISHA Tsuruga Institute of
Biotechnology 10-24, Toyo-cho, Tsuruga-shi, Fukui, Japan.
2. I received the degree of technology from FUKUYAMA
University in March, 1991.
3. I have been employed by TOYO BOSEKI KABUSHIKI KAISHA
since 1991, I have been engaged in research of enzyme.

I am one of the inventors of the above-identified application, and I am fully familiar with the subject matter thereof.

4. The activities of PQQ-dependent glucose dehydrogenase of the compositions 4-9 of the example 1 and the compositions 2,3 of the example 2 of the present specification are as follows.

| | Composition No. | Enzyme activity(kU/g) |
|-----------|-----------------|-----------------------|
| Example 1 | 4 | 950 |
| | 5 | 934 |
| | 6 | 937 |
| | 7 | 868 |
| | 8 | 950 |
| | 9 | 934 |
| Example 2 | 2 | 933 |
| | 3 | 890 |

Date: December 16, 2002

Seiji Takeshima

Seiji TAKESHIMA